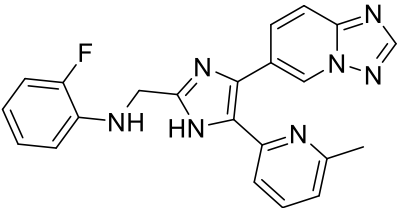




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
558278	Vactosertib	YXM200527

Chemical name	
N-((4-([1,2,4]triazolo[1,5-a]pyridin-6-yl)-5-(6-methylpyridin-2-yl)-1H-imidazol-2-yl)methyl)-2-fluoroaniline	
Synonyms	
TEW7197; TEW 7197; TEW-7197; Vactosertib	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 558278 Name: Vactosertib CAS#: 1352608-82-2 Lot#: YXM200527 Chemical Formula: C ₂₂ H ₁₈ FN ₇ Exact Mass: 399.16077 Molecular Weight: 399.42

Analysis item	Specifications / Results
Appearance	Off-white to light yellow solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99.0%
Solubility	Soluble in DMSO.
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE